

## **ULTRASOUND PROBE POSITIONING IMMERSION SHELL**

### **ABSTRACT OF THE DISCLOSURE**

5       An ophthalmologic appliance being an ultrasound prob  
positioning immersion shell for use in ultrasonic measurement  
of axial length of the eye ophthalmology and other procedures.  
Support members in an upper chamber and a lower chamber each  
provides accommodating support along and about a central axis  
of the ultrasound probe positioning immersion shell and about  
10       vertically spaced regions of ultrasound probes to provide for  
perpendicular alignment of ultrasound probes to the corneal  
plane. Vents in the chamber structure allow for introduction  
of fluid medium and for the expelling of air from the chambers  
to inhibit bubble formation.

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